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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

# hi

of

124

Application Number	10/068,364
Filing Date	February 08, 2002
First Named Inventor	Ringeisen
Group Art Unit	1762
Examiner Name	unknown
Attorney Docket Number	NC 82,621

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
EF	A	3,745,586		Braudy	07/10/1973	
	B	3,978,247		Braudy et al.	08/31/1976	
	C	4,064,205		Landsman	12/20/1977	
	D	4,245,003		Oransky et al.	01/13/1981	
	E	4,702,958		Itoh et al.	10/27/1987	
	F	4,752,455		Mayer	06/21/1998	
	G	4,895,735		Cook	01/23/1990	
	H	4,970,196		Kim et al.	11/13/1990	
	I	4,987,006		Williams et al.	01/22/1991	
	J	5,156,938		Foley et al.	10/20/1992	
	K	5,171,650		Ellis et al.	12/15/1992	
	L	5,173,441		Yu et al.	12/22/1992	
	M	5,256,506		Ellis et al.	10/26/1993	
	N	5,292,559		Joyce, Jr. et al.	03/08/1994	
	O	5,492,861		Opower	02/20/1996	
EP	P	5,567,336		Tatah	10/22/1996	
	Q	5,725,706		Thoma et al.	03/10/1998	
	R	5,725,914		Opower	03/10/1998	
	S	5,736,464		Opower	04/07/1998	
	T	6,025,036		McGill et al.	02/15/2000	

[illegible]

**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

7/14/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (08-00)  
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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

of 34

### Complete If Known

Application Number	10/068,364
Filing Date	February 08, 2002
First Named Inventor	Ringeisen
Group Art Unit	1762
Examiner Name	unknown
Attorney Docket Number	82,621

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EF	Y	Tolbert et al, "Laser Ablation Transfer Imaging Using Picosecond Optical Pulses: Ultra-High Speed, Lower Threshold and High Resolution" Journal of Imaging Science and Technology, Vol. 37 No. 5 Sept./Oct. 1993 pp. 485-489	
	Z	Adrian et al, "A Study of the Mechanism of Metal Deposition by the Laser-Induced Forward Transfer Process" J. Vac. Sci. Technol. B5 (5), Sept./Oct. 1987 pp. 1490-1494	
	AA	Bohandy et al, "Metal Deposition from a Supported Metal Film Using an Excimer Laser, J. Appl. Phys. 60 (4) 15 August 1986 pp. 1538-1539	
	RR	von Gutfeld, R., Enhancing Ribbon Transfer Using Laser Printing, IBM Technical Disclosure Bulletin, Vol. 17, No. 6, Nov., 1974	
	CC	McGill, et al., "Choosing Polymer Coatings for Chemical Sensors", CHEMTECH Journal, American Chemical Society, Vol. 24, No. 9, Sept. 1994 pp. 27-37	
	DD	Ringeisen et al, "Generation of Mesoscopic Patterns of Viable Escherichia Coli by Ambient Laser Transfer", Biomaterials, Vol 23, 2002 pp. 161-166	
	EE	Wu et al, "The Deposition, Structure, Pattern Deposition, and Activity of Biomaterial Thin-Films by Matrix-Assisted Pulsed-Laser Evaporation (MAPLE) and MAPLE Direct Write", Thin Solid Films, Vol. 398-399, 2002 pp. 607-614	
	FF	Chrissey et al, "Matrix Assisted Pulsed Laser Evaporation Direct Write", Divisional Application, 09/671,166, Filed Sept. 28, 2000, pp. 1-12	
	GG	Ringeisen et al, "Generation of Viable Cell and Active Biomaterial Patterns By Laser Transfer", Provisional Application, 60/269,384 Filed Feb. 20, 2001, pp. 1-54	
	HH	Ringeisen et al, "Generation of Viable Cell and Active Biomaterial Patterns By Laser Transfer", Non-Provisional Application, 10/068,315 Filed Feb. 08, 2002 pp.1-37	
EF	II	Meneghini et al, "Transfer Printing Medium", PCT International Application, PCT/US94/11345, Filed Oct. 06, 1994, pp. 1-22	

Examiner  
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Date  
Considered

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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Filing Date	February 08, 2002
First Named Inventor	Ringeisen
Group Art Unit	1762
Examiner Name	unknown
Attorney Docket Number	82,621

(use as many sheets as necessary)

Sheet	4	of	4
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of 4

Attorney Docket Number	82,621
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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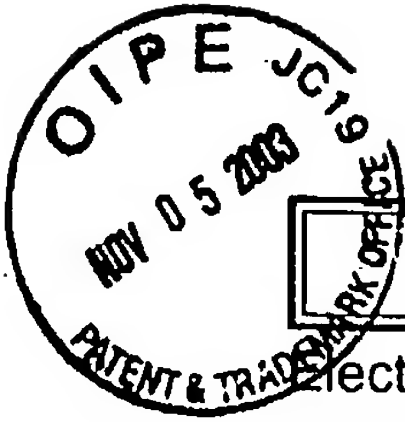
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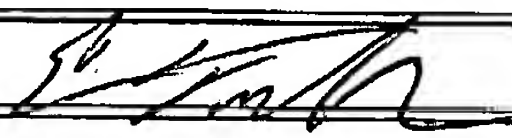
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	Generation of Biomaterial Microarrays by Laser Transfer						
Application Number:		10/068364					
Confirmation Number:		6047					
First Named Applicant:		Bradley Ringeisen					
Attorney Docket Number:		82,621					
Art Unit:		1762					
Search string:		( 6159832 or 5743560 or 6495195 ).pn.					
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
EF	1	6159832	2000-12-12	Mayer			
EF	2	5743560	1998-04-28	Ross			
EF	3	6495195	2002-12-17	Baer			
Signature							
Examiner Name				Date			
				7/14/01			



# Electronic Information Disclosure Statement

## Generation of Biomaterial Microarrays by Laser Transfer



Application:



10/068364

Confirmation:

6047

Applicant(s):

Bradley Ringeisen

Docket Number:

82,621

Group Art Unit:

Examiner:

search string:

( 5582752 ).pn.

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TC 1700

### US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
EP	P01	5582752	1996-12-10		Zair		


### Signature

Examiner Name	Date
	7/14/04

# Electronic Information Disclosure Statement

## Generation of biomaterial microarrays by laser transfer





Application:   
10/068364  
Confirmation: 6047  
Applicant(s): Bradley Rinseisen  
Docket Number: 82,621  
Group Art Unit:  
Examiner:  
search string: (6040139 or 6165170).pn.

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TC 1700

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

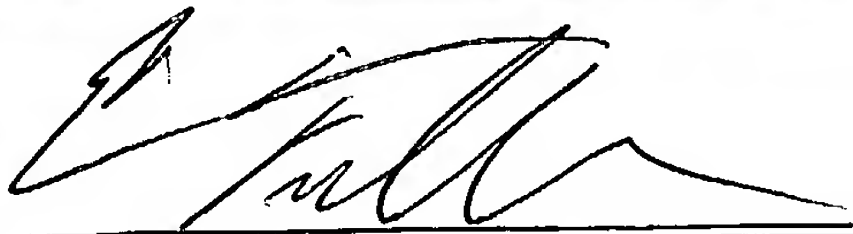
init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
EX	P01	6040139	2000-03-21		Bova		
EX	P02	6165170	2000-12-26		Wynne		

### Remarks

(Remarks are not for responding to an office action.)

Prepared by: Joseph T Grunkemeyer Reg. No. 46,746 Phone (202) 404-1556

## Signature

Examiner Name	Date
	7/14/04